



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4009-041
Job Sheet 202972


Part No: D4009-041 **Job Qty:** 2 pcs
Part Name: Bonding Braid

Part Weight: 0 lbs **Status:** New **Priority:** Medium
Job Created: 11/6/19 **Job Tracking No:**
Due Date: 11/28/19 **Created By:** Jennifer Renwick
Type: SOLD **Description:**
Note: dwg D4009 rev.B IPP rev A 10.02.02 new issue Prelim EC verified by:DD IPP Rev:B 10.05.03 as per ECN10-562 DD verified by:EC IPP REV:C 17.1019 AS PER DWG REV.B DD VERF:JFS
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	2 pcs	11/28/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		

DAS
58 NOV 26 2019
9-89



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S234939

Part: D4009 - 041
Job No: 202972
Serial No/Batch: S234939
Revision: B
Inspector:
Exp Date:
Instructions: Various STC's **Date:** 11/28/19

				Packaging 1 - 31		
				Packaging 1 - 32		
				Packaging 1 - 33		
				Packaging 1 - 34		
				Packaging 1 - 35		
				Packaging 1 - 36		
120 Small Fab - 2 - B4B	2 pcs	11/28/19	0.00 0.31	Small Fab - 1 - B4B	DAS 58 9-89	NOV 26 2019
				Small Fab - 2 - B4B		
				Small Fab - 3 - B4B		
				Small Fab - 4 - B4B		
				Small Fab - 5 - B4B		
				Small Fab - 6 - B4B		
				Small Fab - 7 - B4B		
				Small Fab - 8 - B4B		
				Small Fab - 9 - B4B		
130 QC 5	2 pcs	11/28/19	0.00 0.00	QC 5 - 10		
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		
				QC 5 - 68		
				QC 5 - 9		
				QC 5 - 50		
				QC 5 - 30		
				QC 5 - 40	NOV 26 2019	DAS 40 9-89
				QC 5 - 61		
				QC 5 - 81		
140 Packaging 3-1 - Stock - B4B	2 pcs	11/28/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B	DAS 28 9-89	
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B		

DAS
58
9-89
NOV 7 6 2019

DAS
40
9-89
NOV 7 6 2019

DAS
28
9-89

				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
150	QC 21 - SA	2 pcs	11/28/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

DAS
21
NOV 27 2019

Part Op 120 - Assemble as per dwg D4009
Descriptions: 130 - (QC5- Inspect part completeness to step on W/O)
140 - (Identify as per dwg & Stock Location:)
150 - (QC21- Final Inspection - Work Order Release)

013125

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4009-1	Terminal End	4 pcs (2 ea)	110-Packaging 1 - Pick Kit	5054508
D4009-13	Receptacle	2 pcs (1 ea)	110-Packaging 1 - Pick Kit	516868
D4009-3	Ground Strap	2 pcs (1 ea)	110-Packaging 1 - Pick Kit	516786
D4009-5	Ground Strap	2 pcs (1 ea)	110-Packaging 1 - Pick Kit	516780
D4009-7	Tab replacement p/n D4009-11	2 pcs (1 ea)	110-Packaging 1 - Pick Kit	516538

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	D4009-1	4	41	0
	D4009-13	2	108	0
	D4009-3	2	4	0
	D4009-5	2	3	0
	D4009-7	2	0	0

Part Specifications

Specifications could not be found.

Plex 11/6/19 2:32 PM Dart.Renwick.Jennifer

87067
ST068
ST067
ST067



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

0130 70

D350-561-241
Job Sheet 202987



Part No: D350-561-241 Job Qty: 1 pcs
Part Name: Single Mirror Installation LH

Part Weight: 0 lbs Status: New Priority: Medium
Job Created: 11/7/19 Job Tracking No:
Due Date: 11/29/19 Created By: Marie Lajeunesse
Type: SOLD Description:
Note: DWG REV A IPP revA 11.07.12 new issue EC verified by:JLM
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
105	Packaging 1 - Pkck Kit	1 pcs	11/29/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S234072



Part: D350-561-241
Job No: 202987
Serial No/Batch: S234072
Revision:
Inspector:
Exp Date:
Instructions: TC STC SH91-20 Issue 2
FAA STC SH856NE

110 QC 4	1 pcs	11/29/19	0.00 0.00	Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
				QC 4 - 75	MB 11/22/2019
120 Packaging 3-1 - Stock - B4B	1 pcs	11/29/19	0.00 0.00	QC 4 - 78	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	MB 11/22/2019
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS 21 NOV 25 2019
125 DC - 1 - B4B	1 pcs	11/29/19	0.00 0.00	DC - 1 - B4B	9-59
				DC - 2 - B4B	
130 QC 21 - FG	1 pcs	11/29/19	0.00 0.00	QC 21 - FG - 21	DAS 21 NOV 25 2019
				QC 21 - FG - 70	
				QC 21 - FG - 53	9-59

Part Op 105 - (Pick Kit)
Descriptions: 110 - (QC4- 100% Inspect kits for completeness)
120 - Identify and pack for shipping as per PPP D350-561-241 LOCATION: FG011

125 - Photocopy bluefile and create labels per PPP D350-561-241 CHG001
130 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-5A	Bolt	6 Ea (6 ea)	105-Packaging 1 - Pick Kit	5116385
AN3-6A	Bolt	1 Ea (1 ea)	105-Packaging 1 - Pick Kit	5194345
AN4-10A	Bolt	1 Ea (1 ea)	105-Packaging 1 - Pick Kit	5144562
AN4-5A	Bolt	3 Ea (3 ea)	105-Packaging 1 - Pick Kit	5151028
D2011-101	Mirror 6"	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5144100
D2012-106	Arm	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145290
D2012-107	Clevis	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145140
D2012-111	Bracket	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145140
D2012-115	Bracket, Clevis	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5151252
D2022-101	Spacer	2 pcs (2 ea)	105-Packaging 1 - Pick Kit	5145140
D3629-1	Bracket	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145140
D3635-1	Gasket	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145140
D3646-2	Arm	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145140
D4070-041	Arm	1 pcs (1 ea)	105-Packaging 1 - Pick Kit	5145140
D4070-041	Clamp	2 pcs (2 ea)	105-Packaging 1 - Pick Kit	5145140
MS21042L3	Nut	4 Ea (4 ea)	105-Packaging 1 - Pick Kit	5145140
MS21042L4	Nut	4 Ea (4 ea)	105-Packaging 1 - Pick Kit	5145140
NAS1149D0363J	Washer	8 Ea (8 ea)	105-Packaging 1 - Pick Kit	5145140
NAS1149D0463J	Washer	8 Ea (8 ea)	105-Packaging 1 - Pick Kit	5145140

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
105-Packaging 1 - Pick Kit	AN3-5A	6	254	0
	AN3-6A	1	223	0
	AN4-10A	1	45	0
	AN4-5A	3	137	0
	D2011-101	1	46	0
	D2012-106	1	33	0
	D2012-107	1	10	0
	D2012-111	1	2	0
	D2012-115	1	7	0
	D2022-101	2	60	0
	D3629-1	1	9	0
	D3635-1	1	4	0
	D3646-2	1	16	0
	D3646-4	1	3	0
	D4070-041	2	11	0
	MS21042L3	4	2,602	0
	MS21042L4	4	5,763	0
	NAS1149D0363J	8	1,320	0
	NAS1149D0463J	8	7,696	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Cross tube ☐ Eng. (Non-AW) ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Finishing ☐ Rec/Store/Packaging ☐ Skid-tube ☐ Machining ☐ Large Fab ☐				Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐					
Date : _____		Sequence # : _____		QTY Affected : _____		MRB (QS1042)							
Description Work Order Deviation				Disposition									
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY									
				Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____		Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐			
				Completed By						Lead hand / Supervisor		QC / QA Coordinator	

5. PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -141	Qty -143	Qty -241	Qty -243	Part Number	Description
X	1						D350-561-041	SINGLE MIRROR INSTALLATION, RH
	X						D350-561-043	DUAL MIRROR INSTALLATION, RH
	1	X		1		1	D350-561-045	MIRROR KIT
			X	1			D350-561-141	SINGLE MIRROR INSTALLATION, RH
				X			D350-561-143	DUAL MIRROR INSTALLATION, RH
						1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
						X	D350-561-243	DUAL MIRROR INSTALLATION, LH
1		1	1		1		D2012-101	Mirror
1							D2012-101	Arm
1							D2012-103	Arm
1			1				D2012-105	Arm
					1		D2012-107	Arm
2			1		1		D2012-109	Clevis
1							D2012-109	Bracket
1			1		1		D2012-111	Bracket
4		2					D2012-113	Clamp
1			1		1		D2012-115	Bracket
4			2		2		D2022-101	Spacer
4							D2856-100-325	Abrasion Strip
1*		1*	1*		1*		D3014-1	Locknut
			1		1		D3629-1	Bracket
			1		1		D3635-1	Gasket
		2					D3635-3	Gasket
			1				D3646-1	Arm
					1		D3646-2	Arm
			1				D3646-3	Arm
					1		D3646-4	Arm
			2		1		D4070-014	Clamp
2							AN3-4A	Bolt
2		2	6		1		AN3-4A	Bolt
1			1		1		AN3-4A	Bolt
2			1		1		AN4-10	Bolt
3			3		3		AN4-10	Bolt
14		4	8		1		AN960JD10	Washer
9		2	8		1		AN960JD416	Washer
1*		1*	1*		1*		AN960JD416L	Washer
5		2	4		1		MS21042-3	Nut (or MS21042-3)
5			4		1		MS21042-4	Nut (or MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

Change Record

PAGE 1 OF 1

Part Number: D350-561-241

Description: SINGLE CARGO MIRROR INSTALLATION, LH

[illegible]